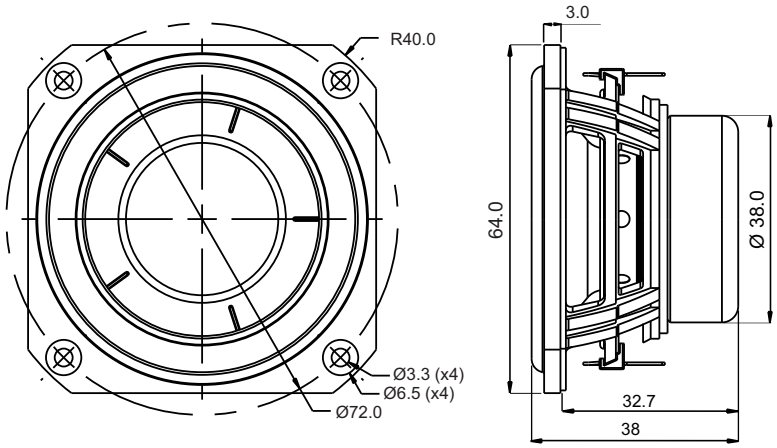
SB ACOUSTICS

2½" SB65WBAC25-4



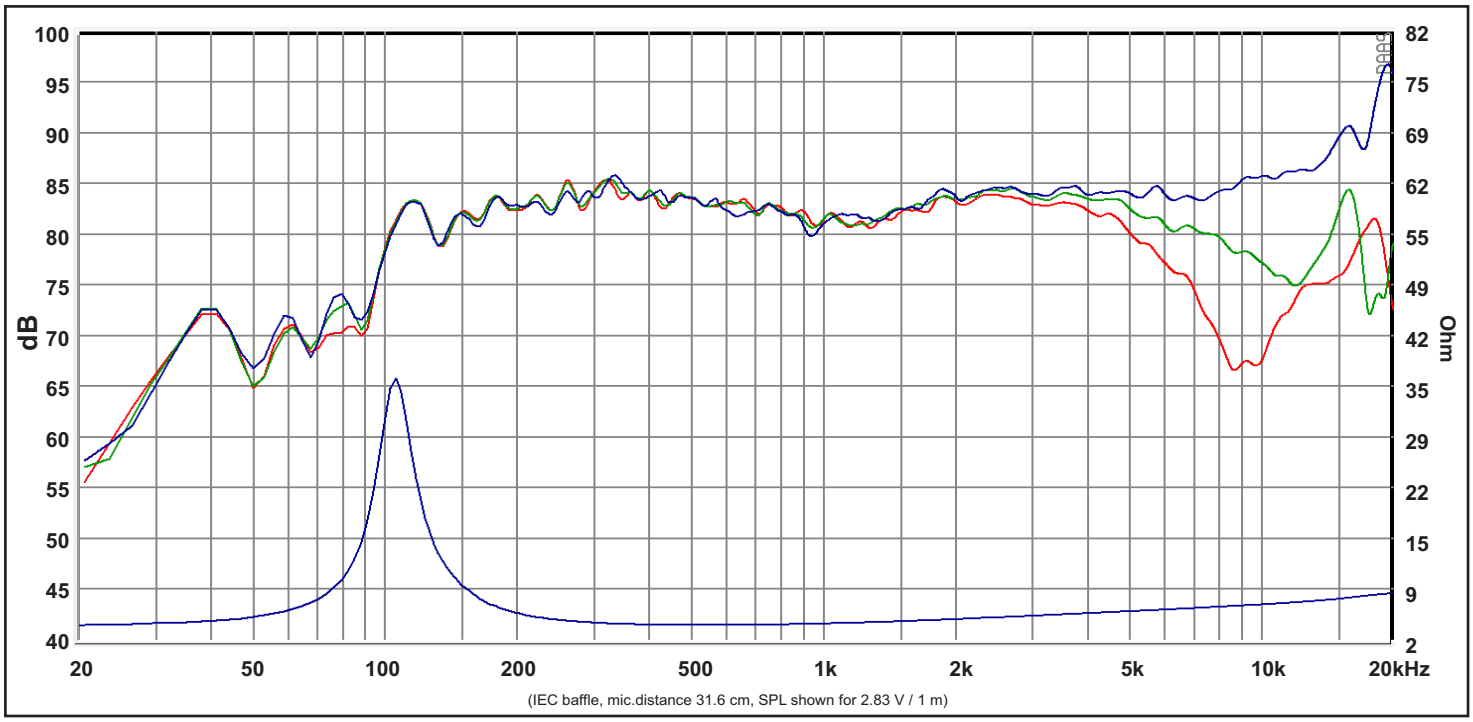
FEATURES

- Geometrically furrowed aluminum cone for extended usable frequency range
- Copper cap for increased high frequency output, reduced phase shift at higher frequencies and improved power handling capability.
- Low damping surround and non-conductive voice coil former to ensure dynamics and an open/transparent sound character with excellent detailing/resolution.
- Linear neodymium motor system for reduced distortion.
- Vented voice coil former for reduced compression.

Specs :

Nominal Impedance	4 Ω	Free air resonance, Fs	115 Hz
DC resistance, Re	3.6 Ω	Sensitivity (2.83 V / 1 m)	83.5 dB
Voice coil inductance, Le	0.15 mH	Mechanical Q-factor, Qms	6.0
Effective piston area, Sd	20 cm^2	Electrical Q-factor, Qes	0.77
Voice coil diameter	25.4 mm	Total Q-factor, Qts	0.68
Voice coil height	8.3 mm	Moving mass incl.air, Mms	2.5 g
Air gap height	3 mm	Force factor, Bl	2.9 Tm
Linear coil travel (p-p)	5.3 mm	Equivalent volume, Vas	0.43 liters
Magnetic flux density	1.02 T	Compliance, Cms	0.77 mm/N
Magnet weight (NEO)	0.02 kg	Mechanical loss, Rms	0.3 kg/s
Net weight	0.14 kg	Rated power handling*	20 W

*IEC 268-5, high-pass Butterworth, 200 Hz, 12 dB/oct, T/S parameters measured on drive units that are broken in.



(IEC baffle, mic.distance 31.6 cm, SPL shown for 2.83 V / 1 m)

Response Curve :

(Blue) : on axis (Green) : 30° off-axis (Red) : 60° off-axis

REV.3 (02.09.2014)